
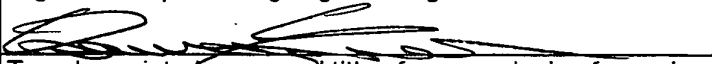




#3

<b>REISSUE APPLICATION BY THE INVENTOR, OFFER TO SURRENDER PATENT</b>		Docket Number (Optional) <b>MTS-880US2</b>
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) <b>Thiow Keng Tan</b>		
Patent Number <b>5,825,421</b>	Date Patent Issued <b>October 20, 1998</b>	
Title of invention <b>VIDEO CODING METHOD AND DECODING METHOD AND DEVICES THEREOF</b>		
<p>I am the inventor of the original patent.</p> <p>I offer to surrender the original patent.</p> <p>1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b).</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.</p> <p>One of boxes 1 or 2 above must be checked.</p> <p>The written consent of all assignees owning an undivided interest in the original patent is included in this application for reissue.</p>		
Signature 		Date <b>December 12, 2000</b>
Typed or printed name <b>Thiow Keng Tan</b>		
The assignee owning an undivided interest in said original patent is <u>Matsushita Electric Industrial Co., Ltd.</u> , and the assignee consents to the accompanying application for reissue.		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.		
Name of assignee <b>Matsushita Electric Industrial Co., Ltd.</b>		
Signature of person signing for assignee 		Date <b>December 12, 2000</b>
Typed or printed name and title of person signing for assignee <b>Dr. Osamu Yamazaki                      Director</b>		



REISSUE APPLICATION BY THE INVENTOR, OFFER TO SURRENDER PATENT		Docket Number (Optional) MTS-880US2
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Thiow Keng Tan		
Patent Number 5,825,421	Date Patent Issued October 20, 1998	
Title of invention VIDEO CODING METHOD AND DECODING METHOD AND DEVICES THEREOF		
<p>I am the inventor of the original patent.</p> <p>I offer to surrender the original patent.</p> <p>1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b).</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.</p> <p>One of boxes 1 or 2 above must be checked.</p> <p>The written consent of all assignees owning an undivided interest in the original patent is included in this application for reissue.</p>		
Signature 		Date December 12, 2000
Typed or printed name Thiow Keng Tan		
The assignee owning an undivided interest in said original patent is <u>Matsushita Electric Industrial Co., Ltd.</u> , and the assignee consents to the accompanying application for reissue.		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.		
Name of assignee Matsushita Electric Industrial Co., Ltd.		
Signature of person signing for assignee 		Date December 12, 2000
Typed or printed name and title of person signing for assignee Dr. Osamu Yamazaki Director		



Please use a plus sign (+) inside this box → ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/02C (3-97)  
Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

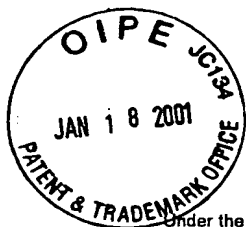


<b>DECLARATION</b>	<b>REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)</b>
--------------------	---

Name	Registration Number	Name	Registration Number
Paul F. Prestia	23,031		
Andrew L. Ney	20,300		
Kevin R. Casey	32,117		
Benjamin E. Leace	33,412		
James C. Simmons	24,842		
Lawrence E. Ashery	34,515		
Christopher R. Lewis	36,201		
Robert L. Andersen	25,771		
Daniel N. Calder	27,424		
Louis W. Beardell, Jr.	40,506		
Jacques L. Etkowicz	41,738		
Jonathan H. Spadt	45,122		
Mark J. Marcelli	38,040		
Joshua L. Cohen	42,690		
Jack J. Jankovitz	34,608		
Kevin W. Goldstein	42,621		
Christopher I. Halliday	26,277		
Paul D. Golian	33,602		
William P. Hauser	41,712		
Bruce M. Monroe	28,028		
Rex A. Donnelly, IV	42,866		
Costas Krikelis			

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





# **REISSUE APPLICATION DECLARATION BY THE ASSIGNEE**

Docket Number (optional)

MTS-880US2

I hereby declare that:

My residence and post office address and citizenship are stated below next to my name.

I am authorized to act on behalf of the following assignee: Matsushita Electric Industrial Co., Ltd.

and the title of my position with said assignee is: Director

The entire title to the patent identified below is vested in said assignee.

Name of Patentee(s):

Thiow Keng Tan

Patent Number

5,825,421

Date of Patent Issued

October 20, 1998

Title of Invention

**VIDEO CODING METHOD AND DECODING METHOD AND DEVICES THEREOF**

I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled \_\_\_\_\_

**VIDEO CODING METHOD AND DECODING METHOD AND DEVICES THEREOF**

the specification of which

☐ is attached hereto.

☒ was filed on October 18, 2000 as reissue application number 09/691,858  
and was amended on \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

[Attach additional sheets, if needed.]

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

[Page 1 of 2]

(REISSUE APPLICATION DECLARATION BY THE ASSIGNEE, page 2)		Docket Number (Optional ) <b>MTS-880US2</b>	
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.			
Name(s)	Registration Number		
Allan Ratner	19,717		
Jack J. Jankovitz	42,690		
Correspondence Address: Direct all communications about the application to:			
<input type="checkbox"/> Customer Number		→	Place Customer Number Bar Code Label Here
OR			
<input checked="" type="checkbox"/> Firm or Individual Name	Ratner & Prestia		
Address	P.O. Box 980		
Address			
City	Valley Forge	State	PA
Country			
Telephone	(610) 407-0700	Fax	(610) 407-0701
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1 001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of person signing (given name, family name) <b>Dr. Osamu Yamazaki, Director</b>			
Signature	Date December 12, 2000		
Address of Assignee <small>1006 Oaza Kadoma, Kadoma-shi Osaka, 571 Japan</small>			
Patentee	Thiow Keng Tan		Citizenship Malaysia
Residence/Post Office Address Block 553, Choa Chu Kang North 6, 11-08			
Patentee	Citizenship		
Residence/Post Office Address			



Please type a plus sign (+) inside this box → ☐

PTO/SB/02C (3-97)  
Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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Jack J. Jankovitz	34,608		
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Paul D. Golian	33,602		
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Rex A. Donnelly, IV	42,866		
Costas Krikelis			


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+



#13

PTO/SB/54 (12-97)  
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>REISSUE APPLICATION BY THE ASSIGNEE, OFFER TO SURRENDER PATENT</b>		Docket Number (Optional)  MTS-880US2
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s):  Thiow Keng Tan		
Patent Number 5,825,421	Date Patent Issued October 20, 1998	
Title of Invention VIDEO CODING METHOD AND DECODING METHOD AND DEVICES THEREOF		
<u>Matsushita Electric Industrial Co., Ltd.</u> is the assignee of the entire interest in the original patent.  I offer to surrender the original patent.  <input checked="" type="checkbox"/> A certificate under 37 CFR 3.73(b) is attached.   I am authorized to act on behalf of the assignee.		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.		
Name of assignee  Matsushita Electric Industrial Co., Ltd.		
Signature of person signing for assignee 	Date December 12, 2000	
Typed or printed name and title of person signing for assignee  Dr. Osamu Yamazaki Director		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



#3

Practitioner's Docket No. MTS-880US2

PATENT

**ASSENT BY ASSIGNEE FOR FILING OF REISSUE APPLICATION**

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Name of Patentee: Matsushita Electric Industrial Co., Ltd.

Patent Number: 5,825,421

Date Patent Issued: October 20, 1998

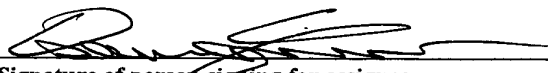
Title of Invention: VIDEO CODING METHOD AND DECODING METHOD  
AND DEVICES THEREOF

I am an assignee owning an undivided interest to the above original patent.

I assent to the accompanying application for reissue.

Attached is a "Certificate under 37 C.F.R. section 3.73(b)"

Matsushita Electric Industrial Co., Ltd.

  
Signature of person signing for assignee

Date: December 12, 2000

Dr. Osamu Yamazaki  
Director



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: T. Tan

Serial No.: To Be Assigned

Filed: Herewith

FOR: VIDEO CODING METHOD AND  
DECODING METHOD AND DEVICES  
THEREOF

: Art Unit:

: Examiner:

CERTIFICATE UNDER 37 CFR 3.73 (b)

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R :

Matsushita Electric Industrial Co., Ltd., a Japanese Corporation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 8607, Frame 0024, for which a copy thereof is attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.


I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by

fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date : December 12, 2000

Name : Dr. Osamu Yamazaki

Title : Director

Signature : 



REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

MTS-880US2

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,825,421, granted October 20, 1998, and for which a reissue patent is sought on the invention entitled VIDEO CODING METHOD AND DECODING METHOD AND

DEVICES THEREOF

the specification of which

☐ is attached hereto.

☒ was filed on October 18, 2000 as reissue application number 09 / 691,858  
and was amended on \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

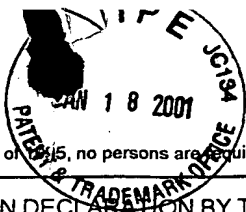
☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

MTS-880US2

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Allan Ratner

19,717

Jack J. Jankovitz

42,690

Correspondence Address: Direct all communications about the application to:



Customer Number

OR

Type Customer Number here

Place Customer Number Bar  
Code Label hereFirm or  
Individual Name

Ratner &amp; Prestia

Address

P.O. Box 980

Address

City

Valley Forge

State

PA

ZIP

19482

Country

Telephone

(610) 407-0700

Fax

(610) 407-0701

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Thiow Keng Tan

Inventor's signature

Residence

Singapore

Date

December 12, 2000

Post Office Address Block 553, Choa Chu Kang North 6, #11-08

Singapore 2368

Citizenship

Malaysia

Full name of second joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship

Post Office Address

Full name of third joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship

Post Office Address



Additional joint inventors are named on separately numbered sheets attached hereto.